

WHAT IS CLAIMED IS:

- 1 1. An electromagnetic shielding structure, comprising:
 - 2 a sheath wire, having a conductive wire and an insulative sheath
 - 3 covering the conductive wire;
 - 4 a terminal fitting, clamping the conductive wire exposed from the
 - 5 insulative sheath, and the terminal fitting passing through a conductive
 - 6 mounting member connected to ground;
 - 7 a molding member, molding so as to cover the sheath wire, the
 - 8 exposed conductive wire and the terminal fitting, and having a first recess and
 - 9 a second recess;
 - 10 wherein the first recess is formed on a first end portion of the
 - 11 molding member, the first end portion contacting the sheath wire;
 - 12 wherein the second recess is formed on a second end
 - 13 portion of the molding member, the second end portion contacting the terminal
 - 14 fitting;
 - 15 a conductive braid, having a tubular shape, and covering the sheath
 - 16 wire and the molding member for absorbing an electromagnetic wave
 - 17 generated from the conductive wire;
 - 18 a first sealing portion, provided in the first recess so as to adhere the
 - 19 molding member and the insulative sheath for securing a waterproof
 - 20 performance;
 - 21 a second sealing portion, provided in the second recess so as to
 - 22 adhere the molding member and the terminal fitting for securing an oil proof
 - 23 and waterproof performance; and

24 a conductive shell, covering the molding member so that the
25 conductive braid is electrically connected to the conductive mounting member.

1 2. The electromagnetic shielding structure as set forth in claim 1,
2 wherein a end portion of the conductive braid and the conductive shell are
3 mounted on the mounting member by a bolt.

1 3. The electromagnetic shielding structure as set forth in claim 1,
2 wherein the first sealing portion is formed by filing a melted resin into the first
3 recess.

1 4. The electromagnetic shielding structure as set forth in claim 1,
2 wherein the second sealing portion is formed by filing a melted resin into the
3 second recess.

1 5. An electromagnetic shielding structure, comprising:
2 a sheath wire, having a conductive wire and an insulative sheath
3 covering the conductive wire;
4 a terminal fitting, clamping the conductive wire exposed from the
5 insulative sheath, and the terminal fitting passing through a conductive
6 mounting member connected to ground;
7 a grommet, covering the sheath wire and the terminal fitting, and
8 having a first end portion and a second end portion, the first end portion being
9 closely contact with the insulative sheath;
10 a conductive braid, having a tubular shape, and covering the sheath

11 wire and the grommet for absorbing an electromagnetic wave generated from
12 the conductive wire;

13 a housing, formed with a recess at a distal end side of the terminal
14 fitting, the housing fitting the terminal fitting, and being closely contact with the
15 second end portion of the grommet;

16 a sealing portion, provided in the recess so as to adhere the housing
17 and the terminal fitting for securing an oil proof and waterproof performance;

18 a conductive shell, covering the molding member and the grommet;
19 and

20 a shield stopper, fixedly secured to the conductive shell, and holding
21 the housing in the conductive shell.

1 6. An electromagnetic shielding structure, comprising:

2 a sheath wire, having a conductive wire and an insulative sheath
3 covering the conductive wire;

4 a terminal fitting, clamping the conductive wire exposed from the
5 insulative sheath, and the terminal fitting passing through a conductive
6 mounting member connected to ground;

7 a grommet, covering the sheath wire and the terminal fitting, and
8 having a first end portion and a second end portion, the first end portion being
9 closely contact with the insulative sheath;

10 a conductive braid, having a tubular shape, and covering the sheath
11 wire and the grommet for absorbing an electromagnetic wave generated from
12 the conductive wire;

13 a housing, fitting the terminal fitting;

14 a heat-shrinkable tube, sealing the housing and the terminal fitting,
15 and closely fitted with the second end portion of the grommet;
16 a conductive shell, covering the housing and the grommet; and
17 a shield stopper, fixedly secured to the conductive shell, and holding
18 the housing in the conductive shell.